

Fig. 1A

SEQ ID NO. 3

ATGAGCAGC AGCTGCTCAG GGCTGAGCAG GGTCCCTGGTG GCCGTGGCTA CAGCCCTGGT  
GTCTGCCTCC TCCCCCTGCC CCCAGGCCTG GGGCCCCCA GGGGTCCAGT ATGGGCAGCC  
AGGGAGGTCC GTGAAGCTGT GTTGTCTCTGG AGTGACTGCC GGGGACCCAG TGTCTCTGGT  
TCGGGATGGG GAGCCAAAGC TGCTCCAGGG ACCTGACTCT GGGCTAGGGC ATGAACTGGT  
CCTGGCCCAG GCAGACAGCA CTGATGAGGG CACCTACATC TGCCAGACCC TGGATGGTGC  
ACTTGGGGGC ACAGTGACCC TGCAGCTGGG CTACCCTCCA GCCCGCCCTG TTGTCTCCTG  
CCAAGCAGCC GACTATGAGA ACTTCTCTTG CACTTGGAGT CCCAGCCAGA TCAGCGGTTT  
ACCCACCCGC TACCTCACCT CCTACAGGAA GAAGACAGTC CTAGGAGCTG ATAGCCAGAG  
GAGGAGTCCA TCCACAGGGC CCTGGCCATG CCCACAGGAT CCCCTAGGGG CTGCCCCGCTG  
TGTTGTCCAC GGGGCTGAGT TCTGGAGCCA GTACCGGATT AATGTGACTG AGGTGAACCC  
ACTGGGTGCC AGCACACGCC TGCTGGATGT GAGCTTGCAG AGCATCTTGC GCCCTGACCC  
ACCCAGGGC CTGCGGGTAG AGTCAGTACC AGGTTACCCC CGACGCCTGC GAGCCAGCTG  
GACATACCCT GCCTCCTGGC CGTGCCAGCC CCACTTCCTG CTCAAGTTCC GTTTGCAGTA  
CCGTCCGGCG CAGCATCCAG CCTGGTCCAC GGTGGAGCCA GCTGGACTGG AGGAGGTGAT  
CACAGATGCT GTGGCTGGGC TGCCCCATGC TGTACGAGTC AGTGCCCGGG ACTTTCTAGA  
TGCTGGCACC TGGAGCACCT GGAGCCCGGA GGCCTGGGGA ACTCCGAGCA CTGGGACCAT  
ACCAAAGGAG ATACCAGCAT GGGGCCAGCT ACACACGCAG CCAGAGGTGG AGCCTCAGGT  
GGACAGCCCT GCTCCTCCAA GGCCCTCCCT CCAACCACAC CCTCGGCTAC TTGATCACAG  
GGACTCTGTG GAGCAGCTGG TGCCACGCGG TTCTCATCAC CATCATCACC ACTGA

Fig. 1B

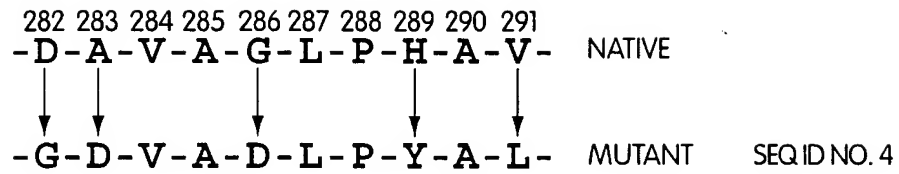


Fig. 2

MSSSCSGLSRVLVAVATALVSASSPCPQAWGPPGVQYQGQPGRSVKLCCP  
 GVTAGDPVSWFRDGEPKLLQGPDSGLGHVLAQADSTDEGTYICQTL  
 DGALGGTVTLQLGYPPARPVVSCQAADYENFSCTWSPSQISGLPTRYLT  
 SYRKKTVLGADSQRRSPSTGPWPCPDPLGAARCVVHGAEFWSQYRIN  
 VTEVNPLGASTRLLDVSLQSIILRPDPPQGLRVESVPGYPRRLRASWTYP  
 ASWPCQPHFLLKFRLQYRPAQHPAWSTVEPAGLEEVITDAVAGLPHAV  
 RVSARDFLDAGTWSTWSPEAWGTPSTGTIPKEIPAWGQLHTQPEVEPQV  
 DSPAPPRPSLQPHPRLLDHRDSVEQVAVLASLGILSFLGLVAGALALGL  
 WLRRRGKDGSPKPGFLASVIPVDRRPGAPNL

\*BOLDDED AMINO ACIDS: HUMAN INTERLEUKIN 11 RECEPTOR PROTEIN  
 SEQUENCE THAT INTERACTS WITH INTERLEUKIN 11

Fig. 3

	PEPTIDE	PEPTIDE SEQUENCE	ANTAGONISTIC ACTIVITY
SEQ ID NO. 1	1	RRLRASWTYPASWPCQPHFL	YES
SEQ ID NO. 2	2	TYPASWPCQPHFLLKFRLQY	NO

Fig. 4

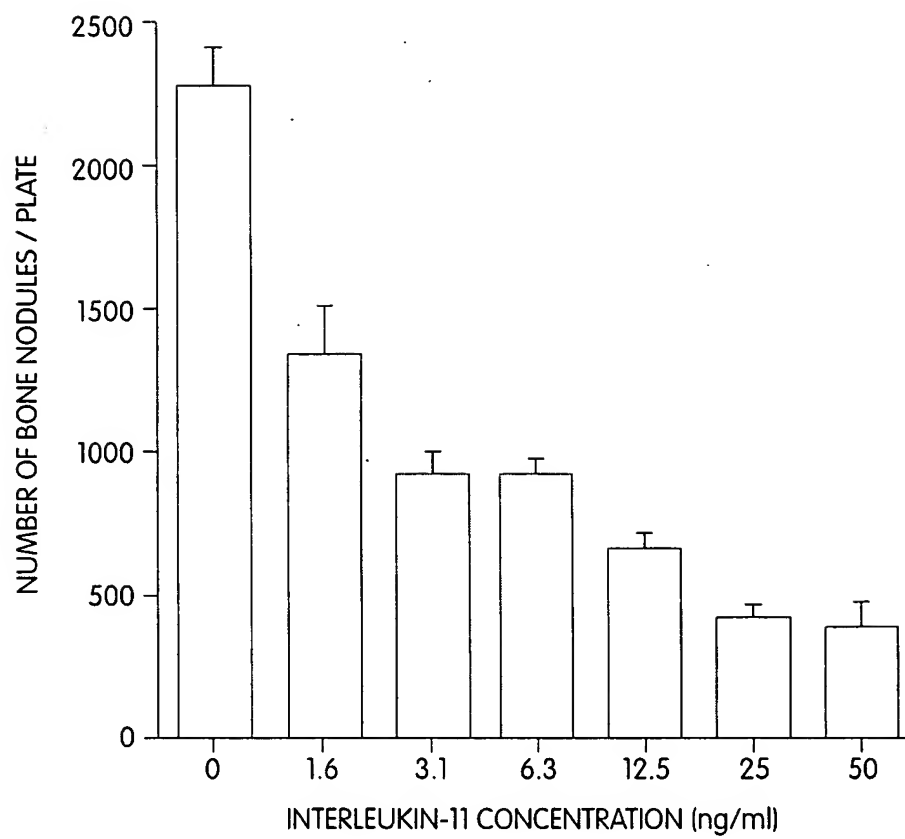


Fig. 5

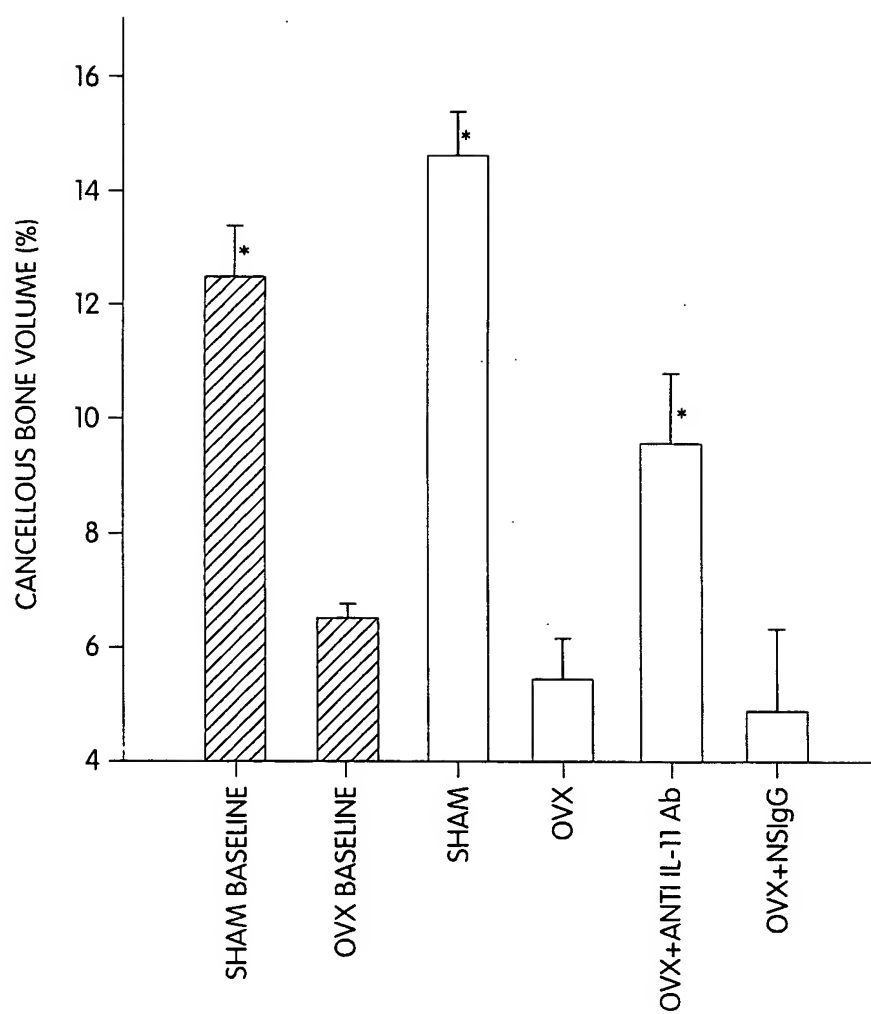


Fig. 6A

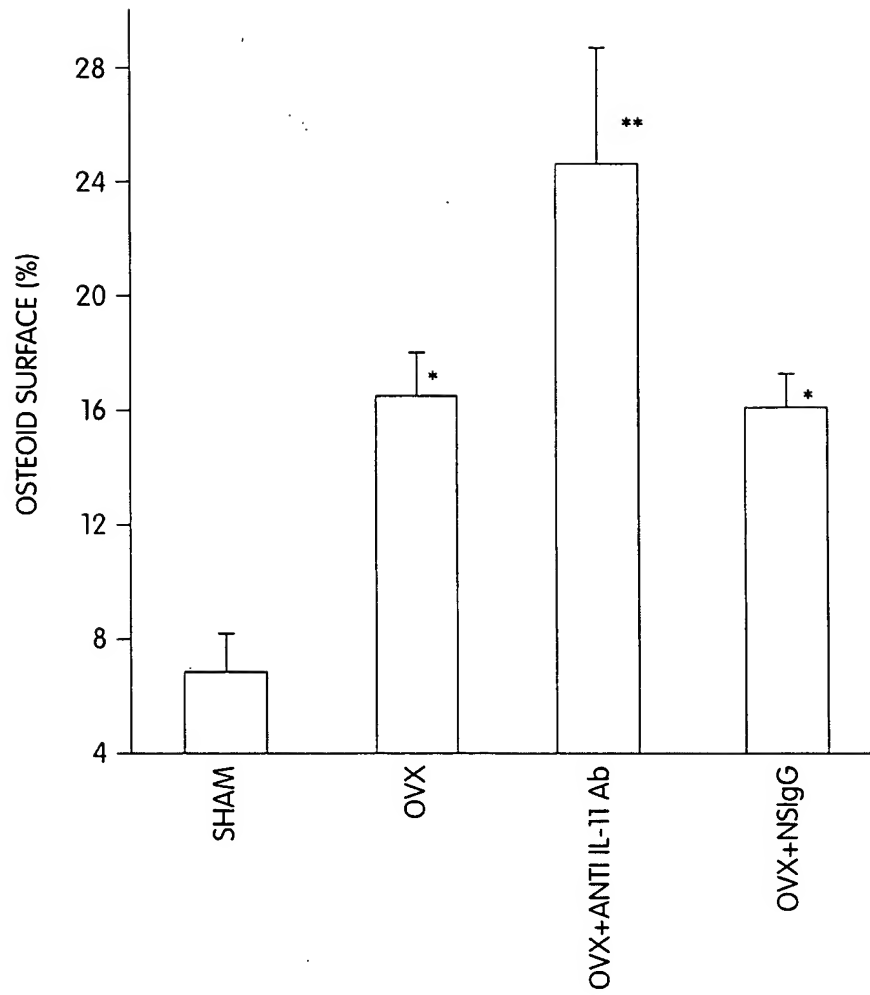


Fig. 6B

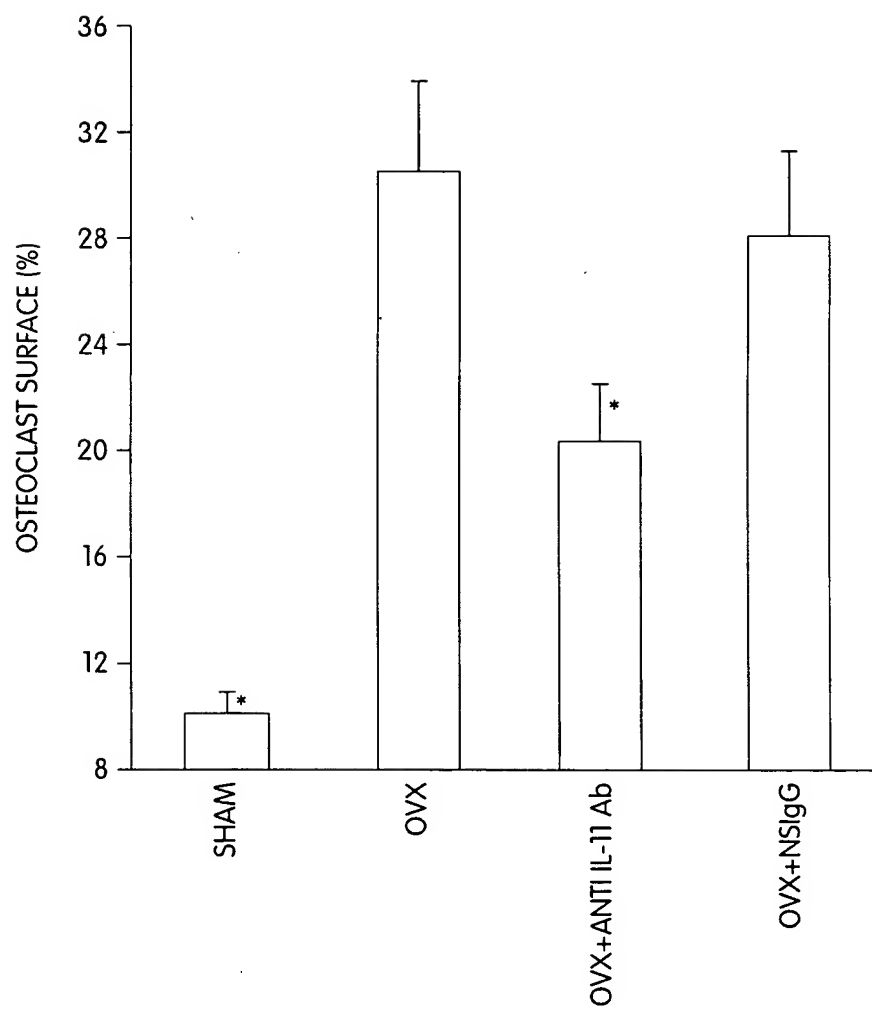


Fig. 6C



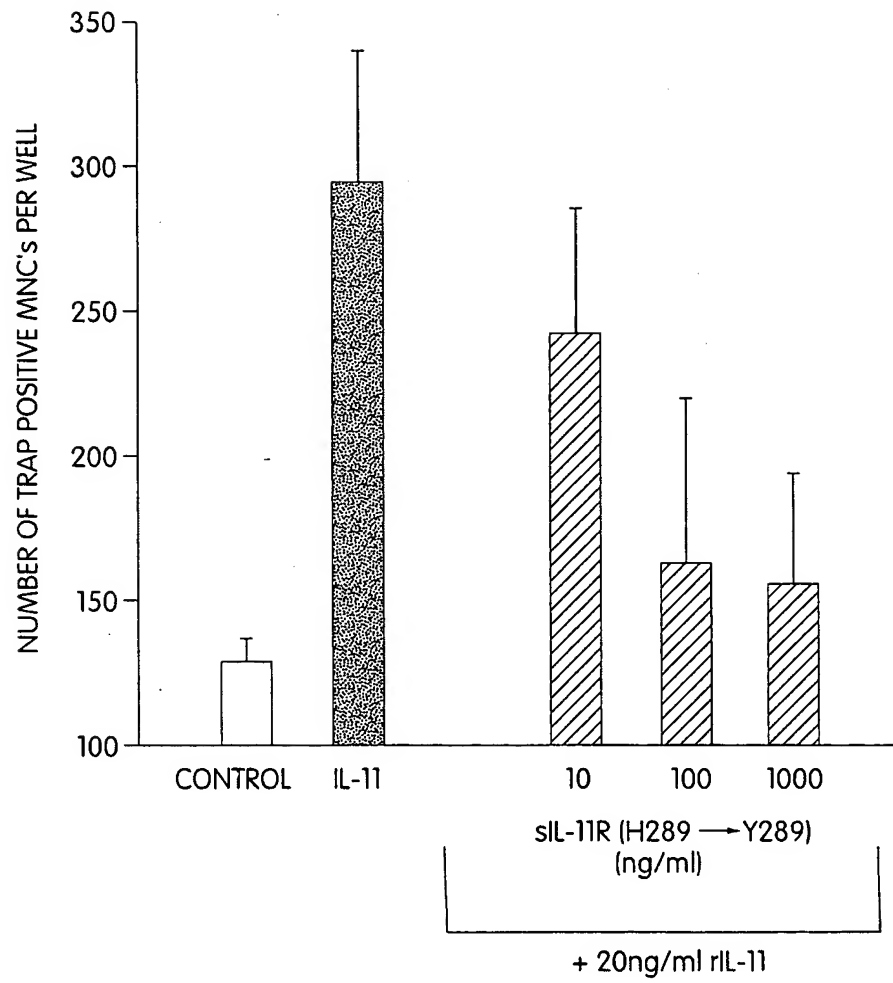


Fig. 7A

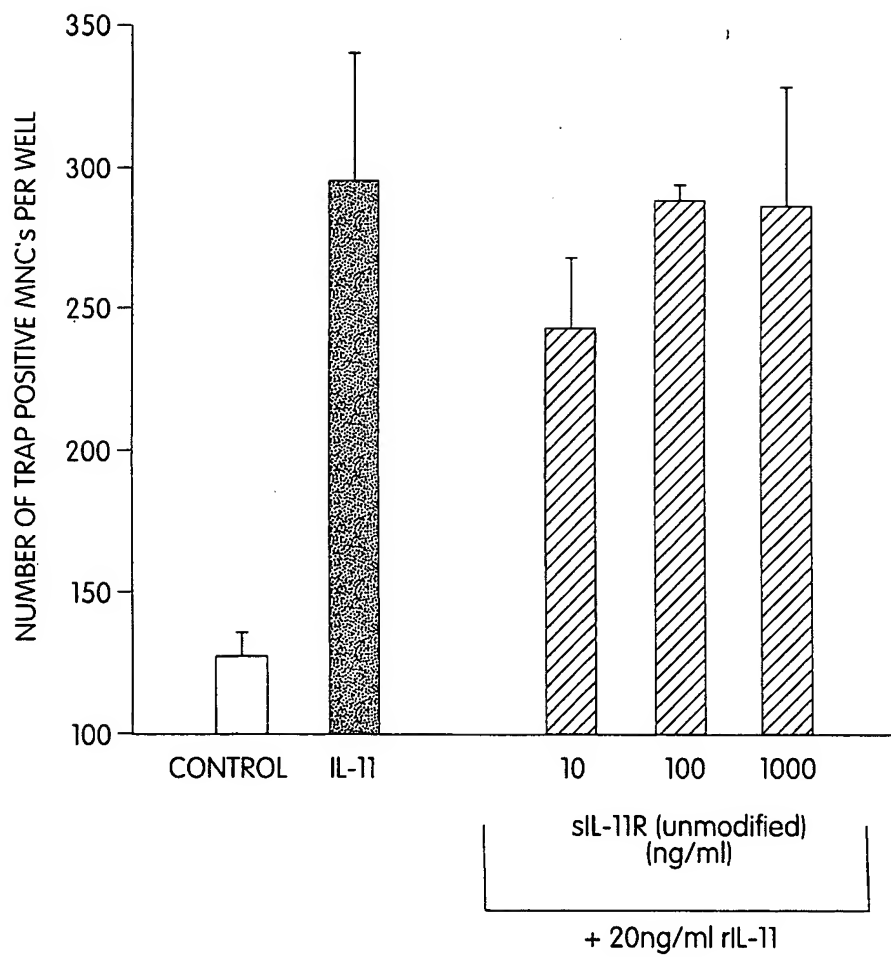


Fig. 7B

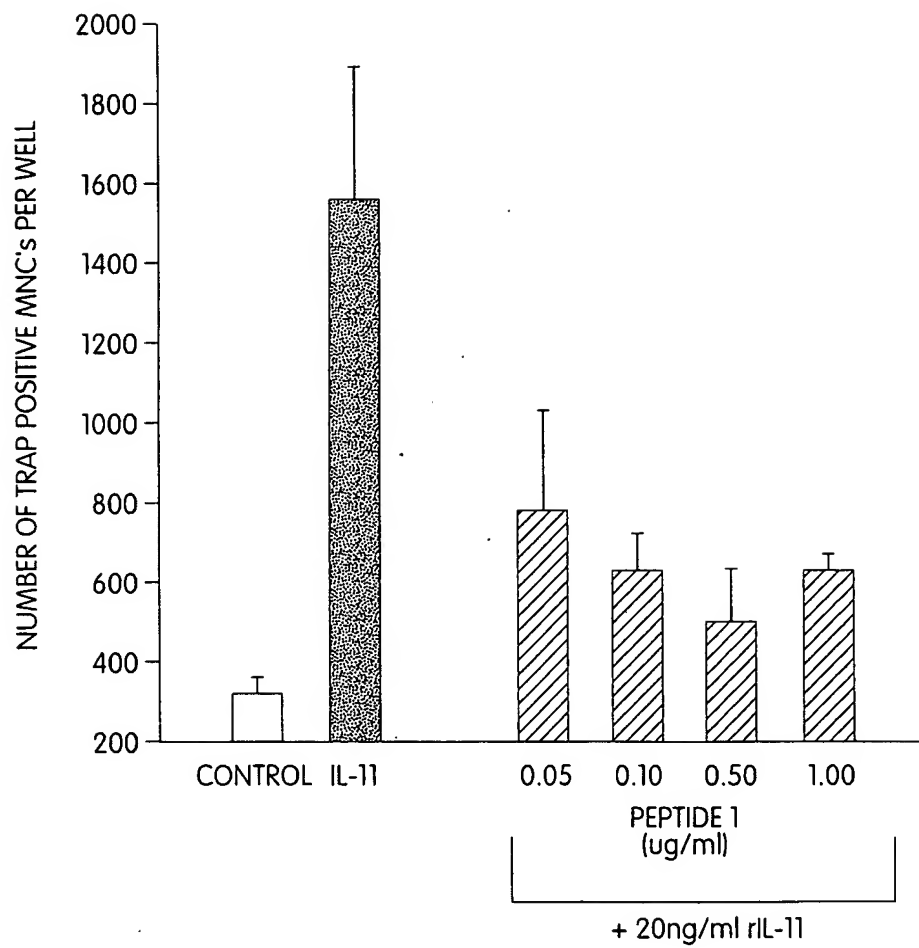


Fig. 8

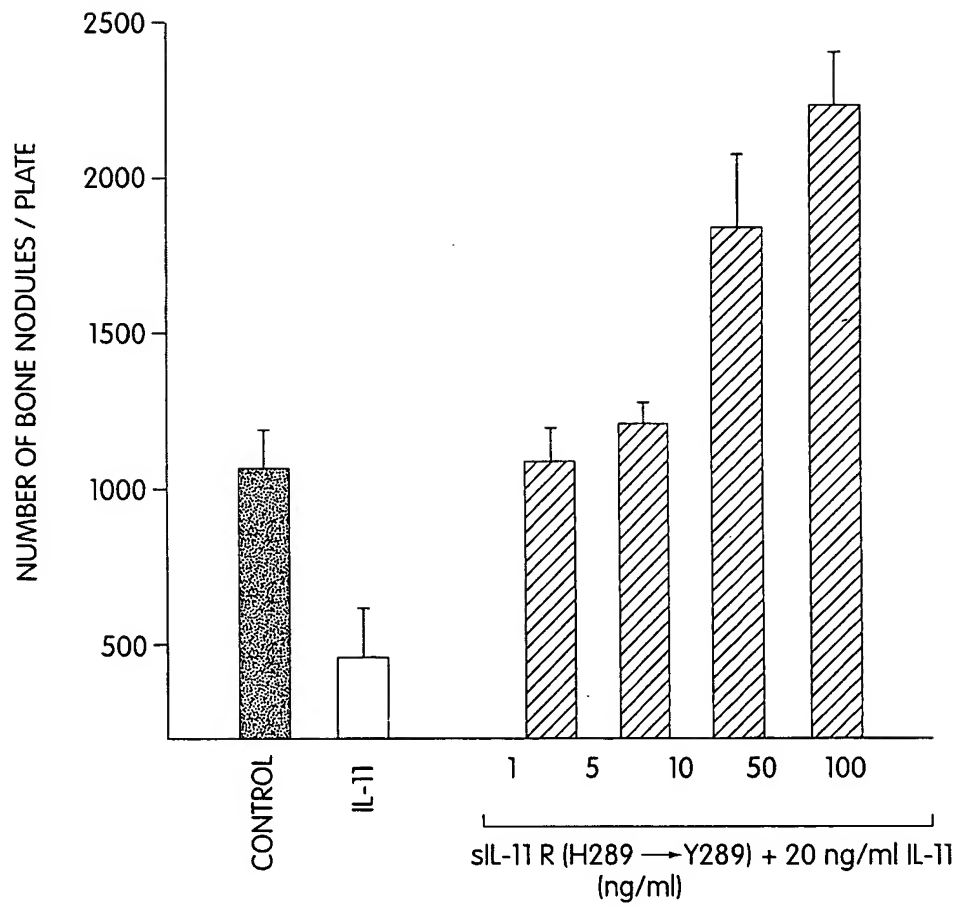


Fig. 9

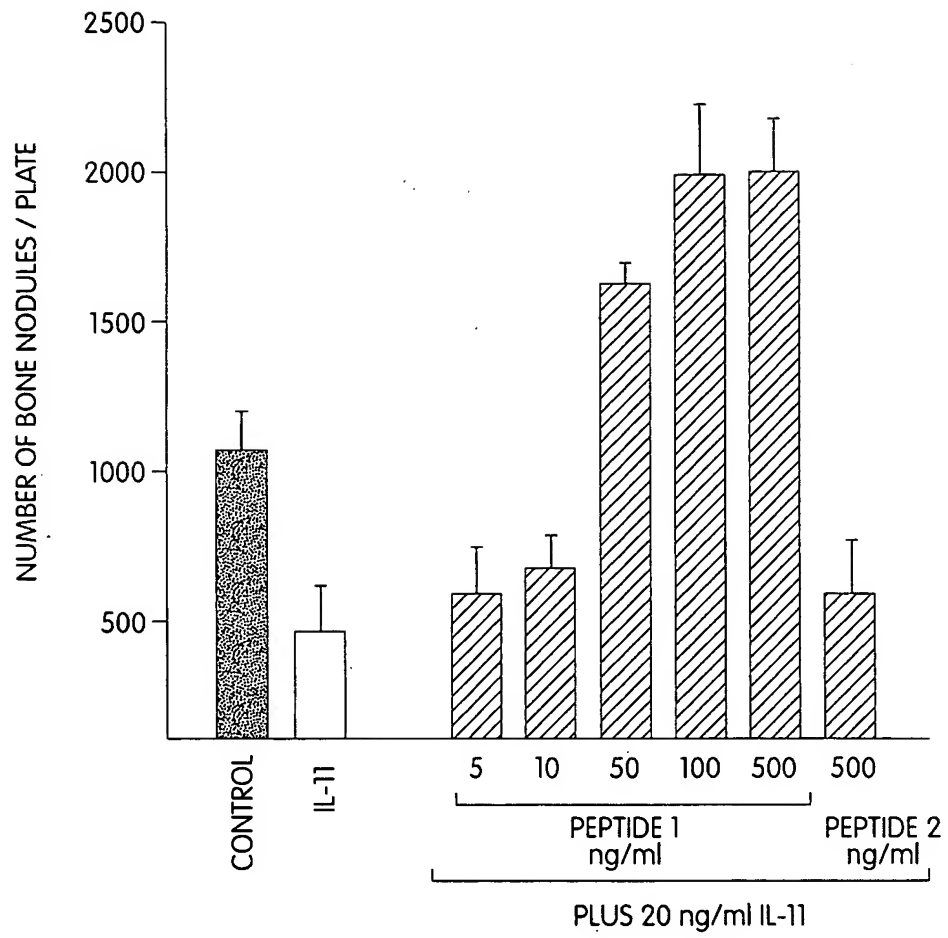


Fig. 10

Figure 11

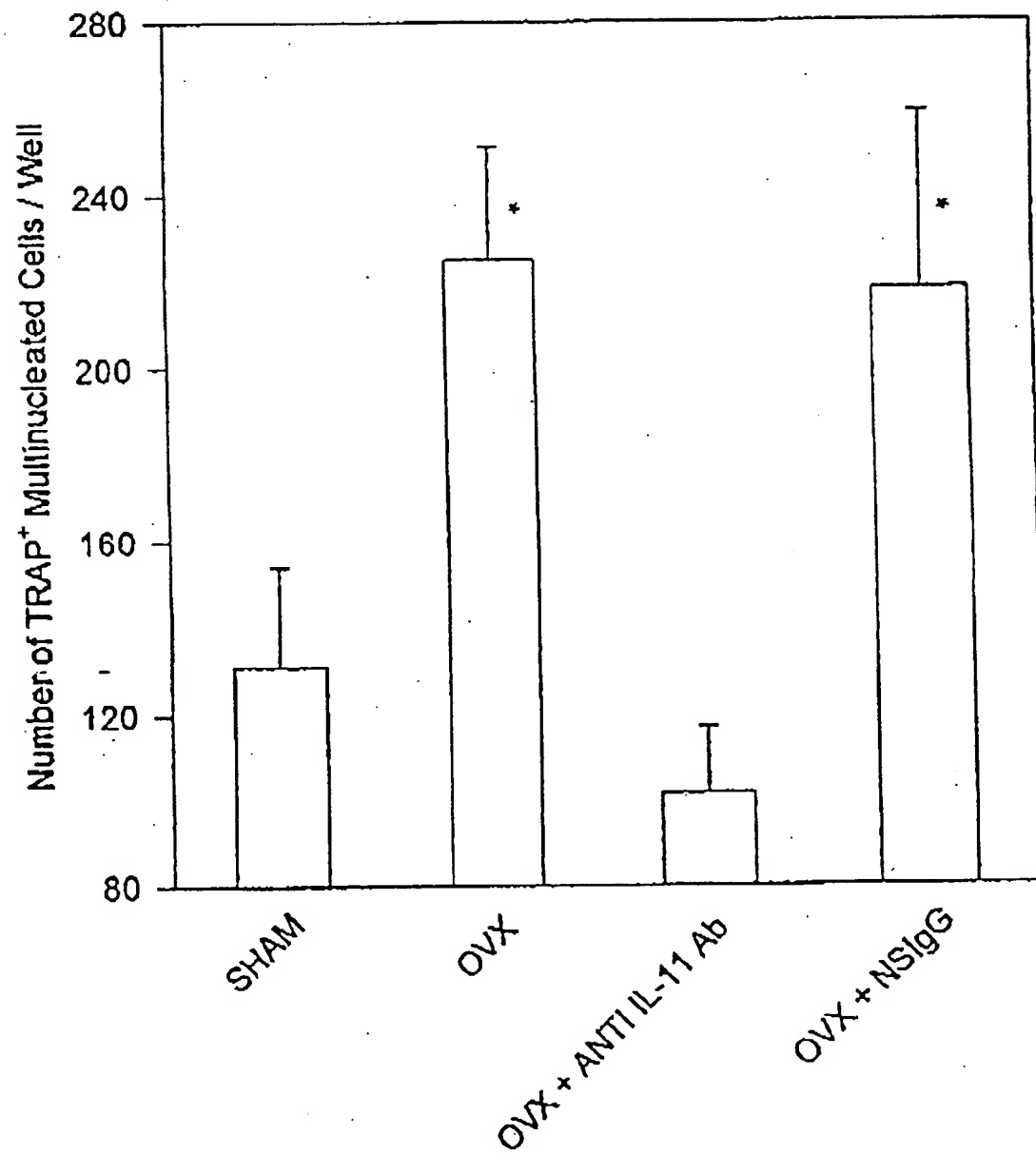
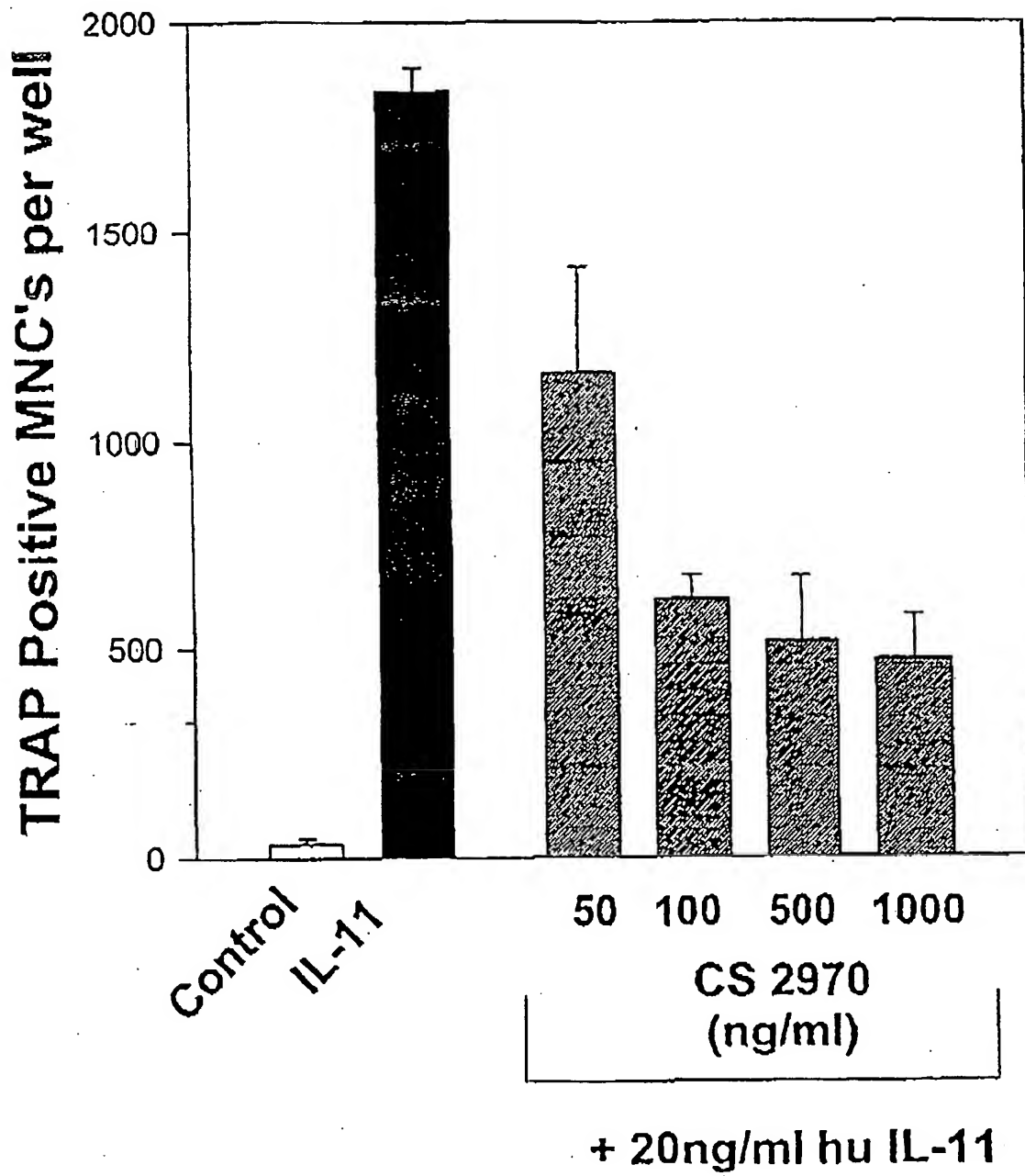


Figure 12



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